

# **DEVICE AND METHOD FOR PRODUCING THIN FILM CAP AND THIN ALUMINUM FILM CAP FOR MOUTH OF BEVERAGE BOTTLE PRODUCED BY THE DEVICE**

**Publication number:** JP5139453 (A)

**Publication date:** 1993-06-08

**Inventor(s):** IITAKA TSUGIO +

**Applicant(s):** IITAKA TSUGIO +

**Classification:**


- **International:** **B21D22/16; B21D53/00; B65D41/62; B21D22/00; B21D53/00; B65D41/00; (IPC1-7): B21D22/16; B21D53/00; B65D41/62**

- **European:**

**Application number:** JP19910236799 19910826

**Priority number(s):** JP19910236799 19910826

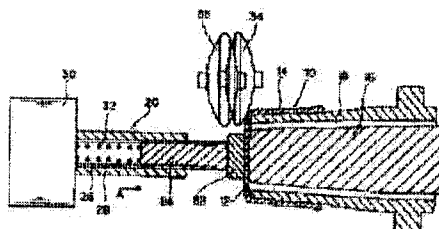
**Also published as:**

 **JP2678533 (B2)**

## **Abstract of JP 5139453 (A)**

**PURPOSE:** To provide a cap for the mouth of a beverage bottle which is thinner than the bottle material and has a lustrous surface.

**CONSTITUTION:** A die shaft 16 for shaping a cap and a movable cylindrical guide 18 having its outer end covered with a cap member 10 and mounted on the outside of the die shaft 16 are made to rotate together in the same direction and at a speed of the same revolutions. A pressing means 20 is provided to hold the cap member 10 between itself and the die shaft 16 and the cap member 10 and the pressing means 20 are rotated by rotating the die shaft 16. A roughing-grinding roller 34 and a finishing roller 36, together with the movable guide 18, are made to move along the rotary axis of die shaft 16 into contact with the cap member 10 in order for the rollers 34 and 36 to be rotated by the rotating force of the cap member 10.



Data supplied from the *espacenet* database — Worldwide